

35. An accessory as defined in claim 1 in which the decay pattern modifier has a second element which is integral with the first element, the second element being integrated with the plate.

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36. The combination of:

an accessory as defined claim 1;

a firearm which has a stock;

threaded fasteners for: (a) maintaining the elastomeric pad and the plate of the accessory in assembled relationship, and (b) mounting the accessory to the stock of a firearm; and

a rigid mounting plate;

said mounting plate being embedded in said pad and providing a mechanism for supporting the threaded fastener.

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37. An accessory for reducing the kick felt by a shooter when a firearm is discharged, said accessory comprising:

a pad, a rigid plate, and a vibration decay pattern modifier;

said pad and said decay pattern modifier both being fabricated from an organic, elastomeric material;

said pad having therein an aperture opening onto a face of the pad;

said plate being assembled in face-to-face relationship with the face of the pad onto which the aperture in the pad opens; and

the decay pattern modifier having an element plate which is disposed in the aperture in the elastomeric pad; and

the pad aperture in which the element of the vibration decay pattern modifier is disposed being so sealed that said pad provides pneumatic cushioning when the firearm is discharged.

38. An accessory for reducing the kick felt by a shooter when a firearm is discharged, said accessory comprising:

- a pad, a rigid plate, and a vibration decay pattern modifier;
- said pad and said decay pattern modifier both being fabricated from an organic, elastomeric material;
- said pad having therein an aperture opening onto a face of the pad;
- said plate being assembled in face-to-face relationship with that face of the pad onto which the aperture in the pad opens;
- the decay pattern modifier having an element which is disposed in the aperture in the elastomeric pad; and
- there being at least one additional cavity in the elastomeric pad which reduce, the thickness of the pad material and thereby contribute to the compressibility of the pad.

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39. An accessory for reducing the kick felt by a shooter when a firearm is discharged, said accessory comprising:

- a generally rigid plate;
- an elastomeric pad fixed in face-to-face relationship to said plate;

and

- a component for modifying the decay pattern of vibrations set up in the accessory when the firearm is discharged;

- said decay pattern modifying component having a head and an integral stem;
- said stem being attached to said plate;
- there being a cavity in said elastomeric pad; and
- the head of the decay pattern modifying component being disposed in said cavity.

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